

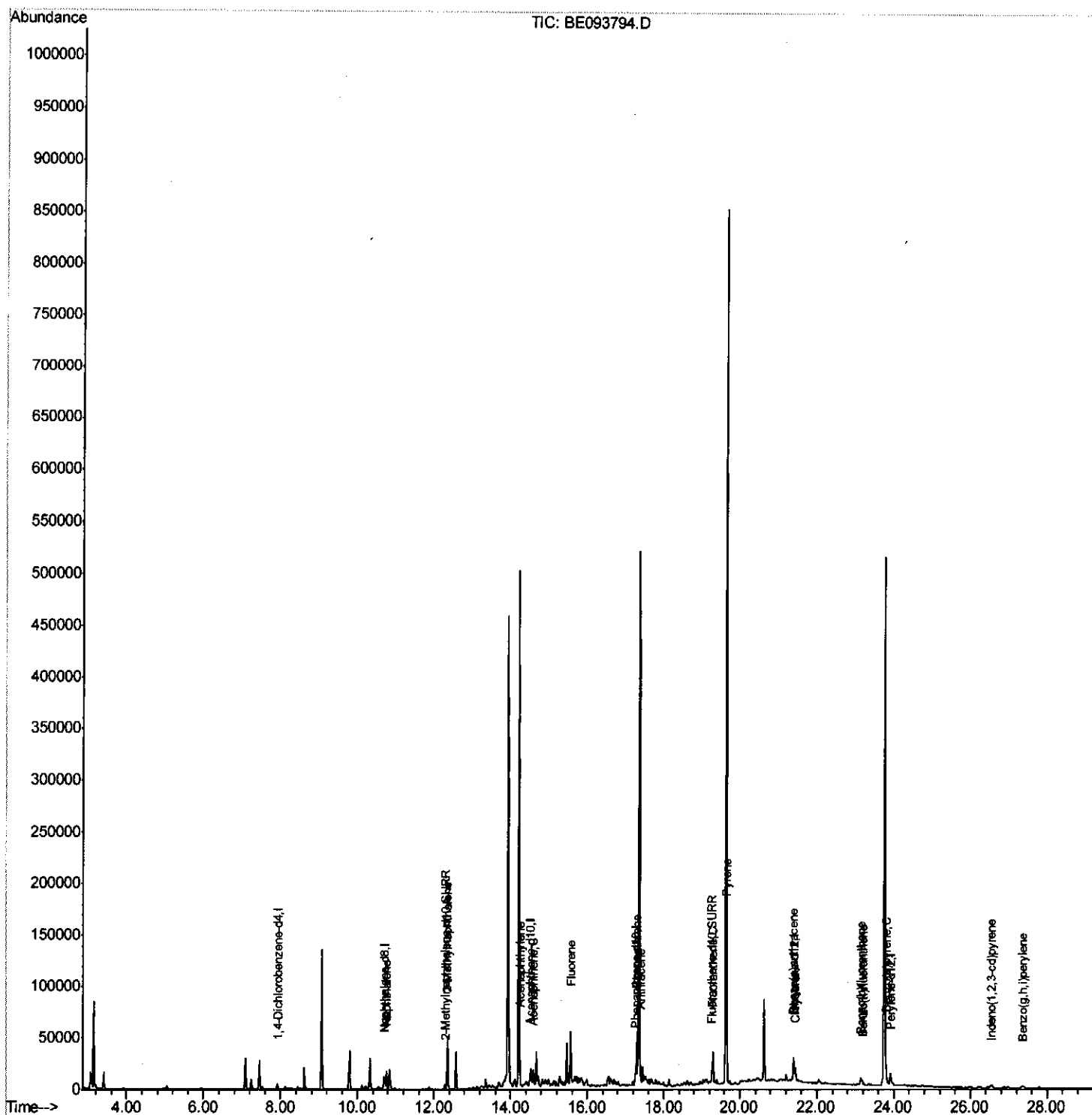
Data Path : Z:\HPCHEM1\BNA_E\Data\BE081417\
Data File : BE093794.D
Acq On : 14 Aug 2017 19:27
Operator : SJ/JU
Sample : I4557-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
C0AC5

Manual Integrations
APPROVED

Sohil
8/15/2017 6:43:29 PM

Quant Time: Aug 15 10:53:34 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 12 02:01:53 2017
Response via : Initial Calibration



Quantitation Report (Qedit)

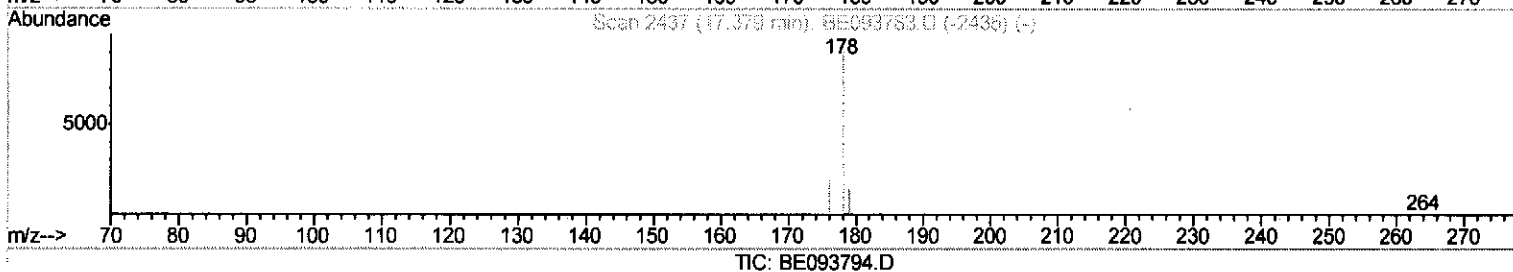
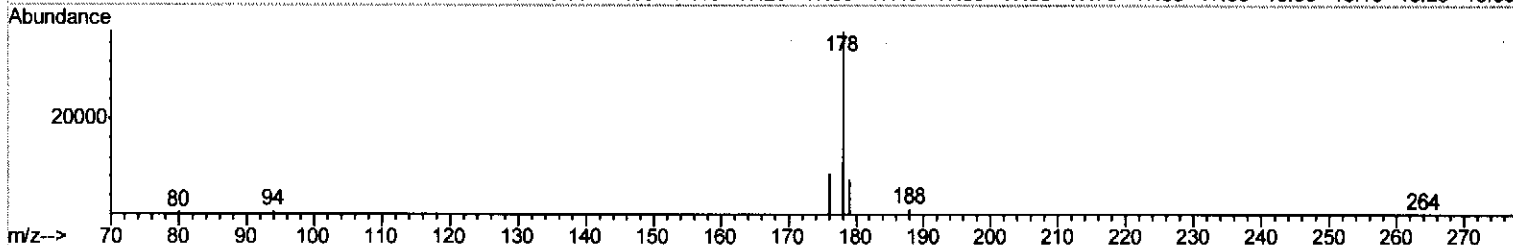
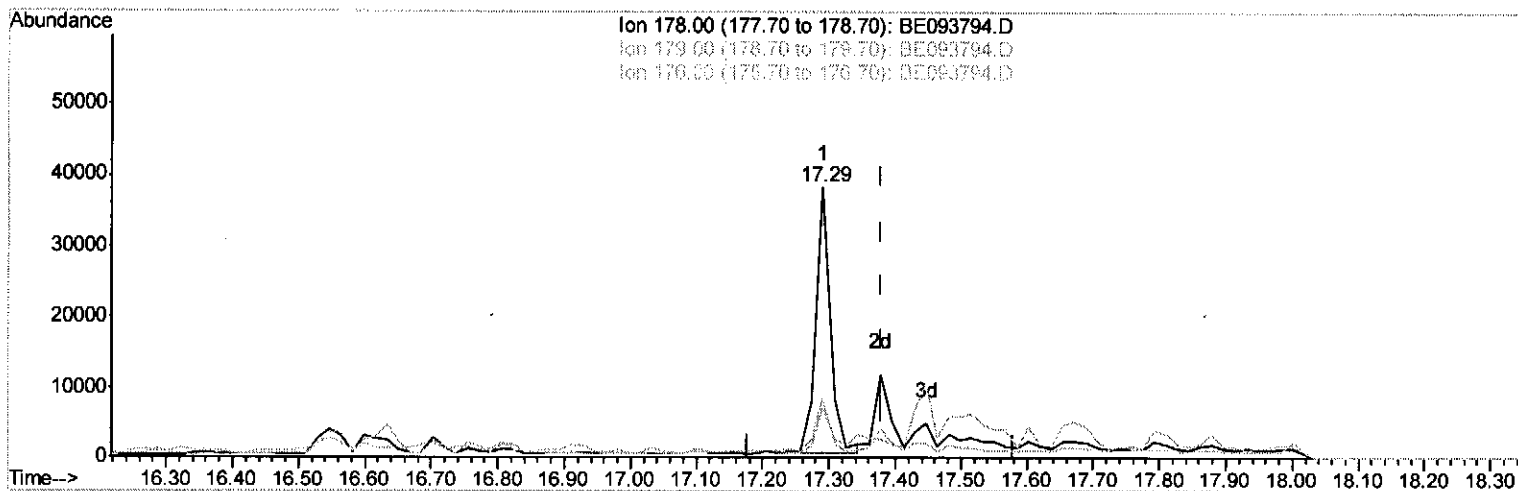
Data Path : Z:\HPCHEM1\BNA_E\Data\BE081417\
Data File : BE093794.D
Acq On : 14 Aug 2017 19:27
Operator : SJ/JU
Sample : I4557-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC5

Manual Integrations
APPROVED

Sohil
8/15/2017 6:43:29 PM

Quant Time: Aug 15 10:48:34 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 12 02:01:53 2017
Response via : Initial Calibration



(13) Anthracene

17.291min (-0.088) 1.30ng/ul

response 57054

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	18.61
176.00	18.40	21.75
0.00	0.00	0.00

Quantitation Report (Qedit)

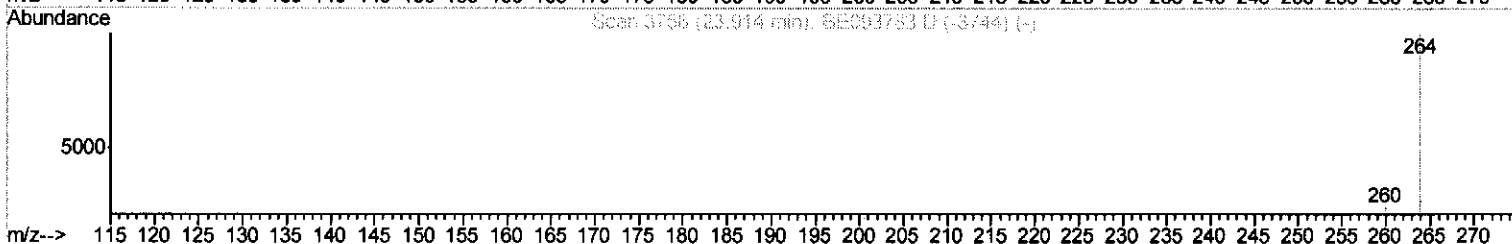
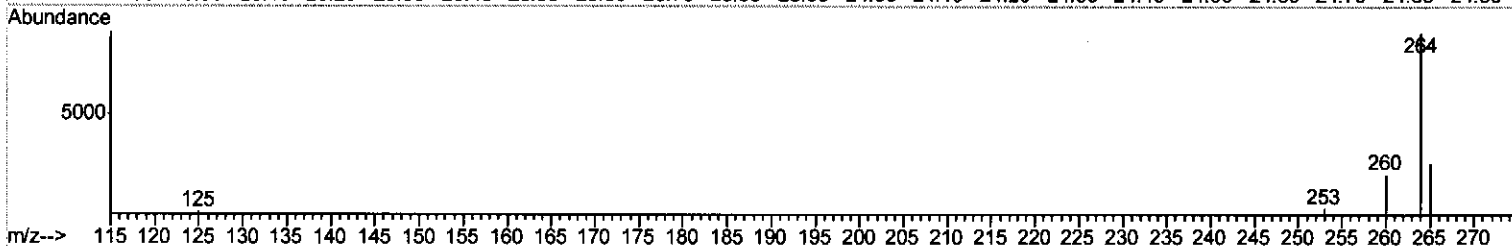
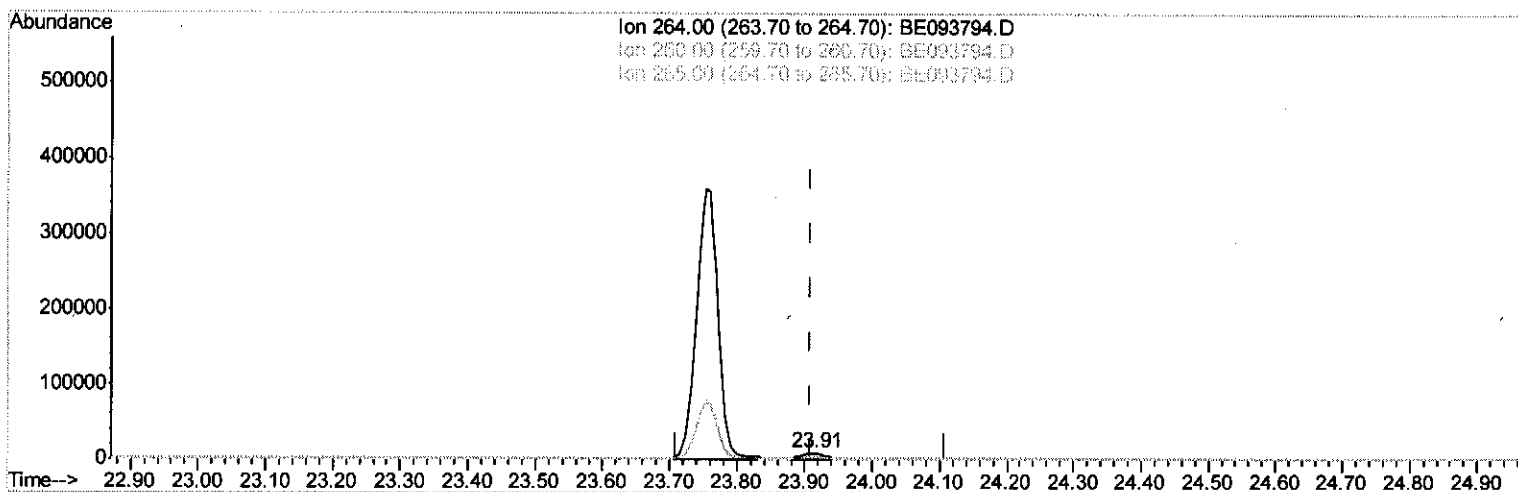
Data Path : Z:\HPCHEM1\BNA_E\Data\BE081417\
 Data File : BE093794.D
 Acq On : 14 Aug 2017 19:27
 Operator : SJ/JU
 Sample : I4557-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AC5

Manual Integrations
 APPROVED

Sohil
 8/15/2017 6:43:29 PM

Quant Time: Aug 15 10:48:34 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
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TIC: BE093794.D

(20) Perylene-d12 (I)

23.914min (+0.005) 0.40ng/ul m

response 15436

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	27.81
265.00	103.50	33.63#
0.00	0.00	0.00

Quantitation Report (Qedit)

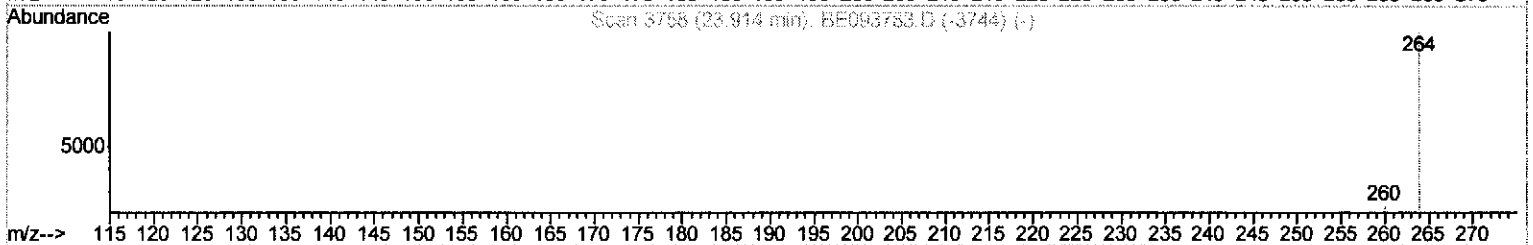
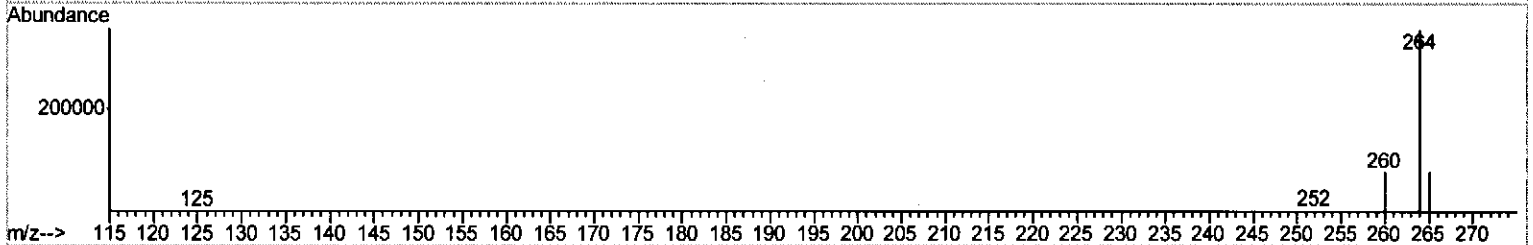
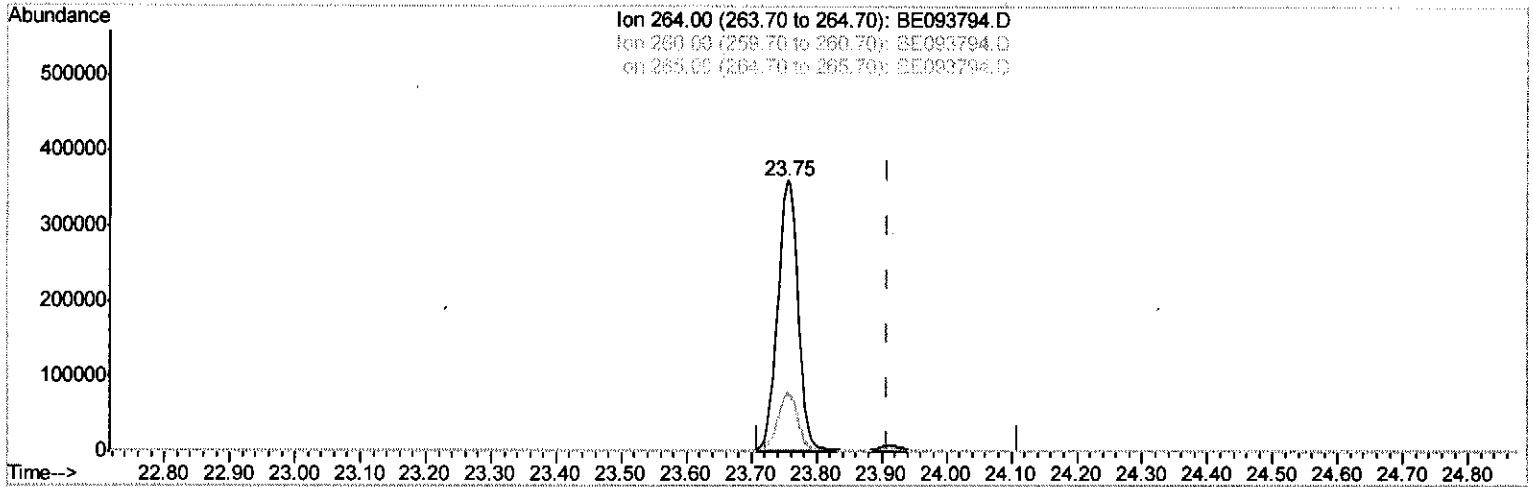
Data Path : Z:\HPCHEM1\BNA_E\Data\BE081417\
 Data File : BE093794.D
 Acq On : 14 Aug 2017 19:27
 Operator : SJ/JU
 Sample : I4557-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC5

Manual Integrations
 APPROVED

Sohil
 8/15/2017 6:43:29 PM

Quant Time: Aug 15 10:48:34 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
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 Response via : Initial Calibration



TIC: BE093794.D

(20) Perylene-d12 (I)

23.755min (-0.154) 0.40ng/ul

response 769138

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.15#
265.00	103.50	21.80#
0.00	0.00	0.00

Quantitation Report (Qedit)

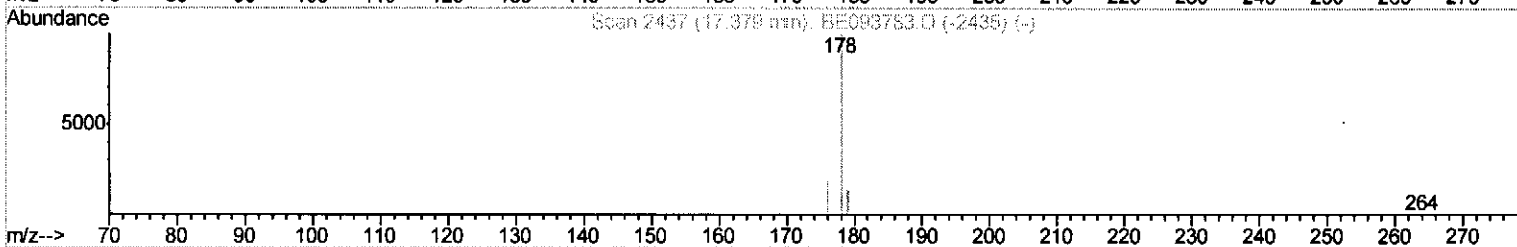
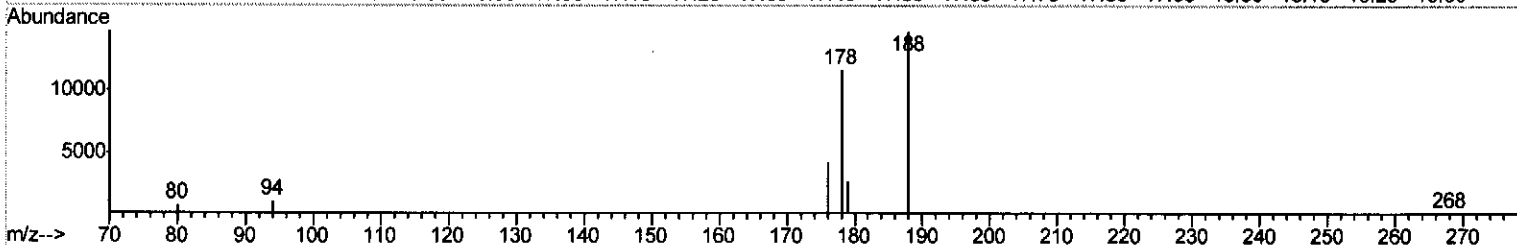
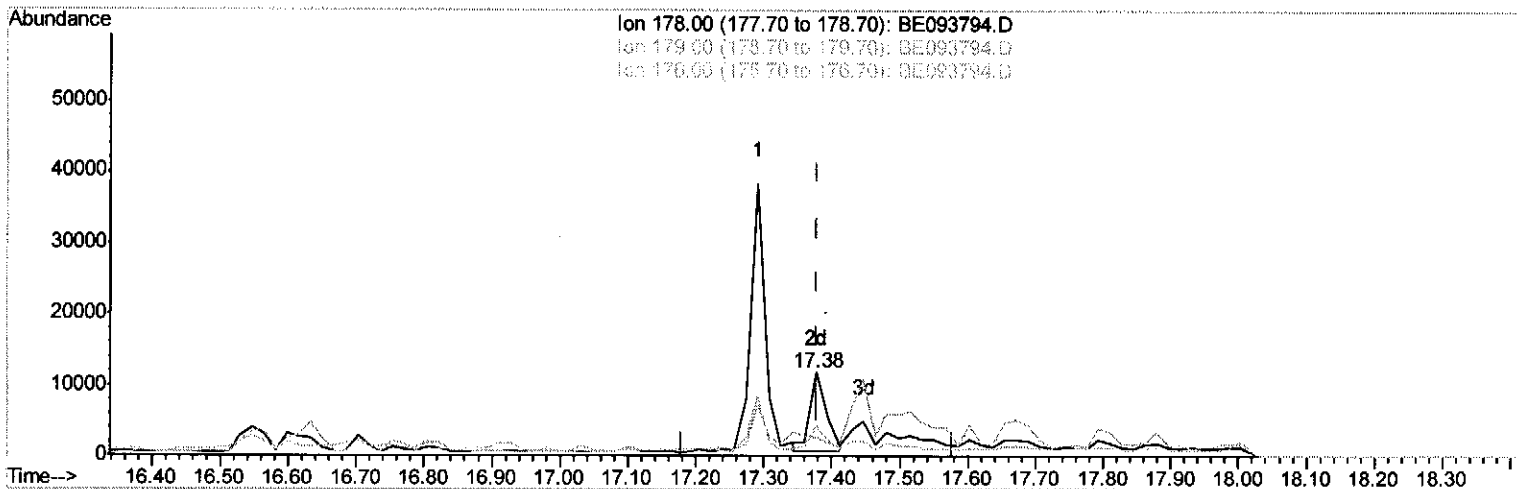
Data Path : Z:\HPCHEM1\BNA_E\Data\BE081417\
 Data File : BE093794.D
 Acq On : 14 Aug 2017 19:27
 Operator : SJ/JU
 Sample : I4557-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC5

Manual Integrations
 APPROVED

Sohil
 8/15/2017 6:43:29 PM

Quant Time: Aug 15 10:48:34 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
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 Response via : Initial Calibration



TIC: BE093794.D

(13) Anthracene

17.378min (-0.001) 0.42ng/ul m *July 8/15/17*

response 18532

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	22.60
176.00	18.40	34.84#
0.00	0.00	0.00

Quantitation Report (Qedit)

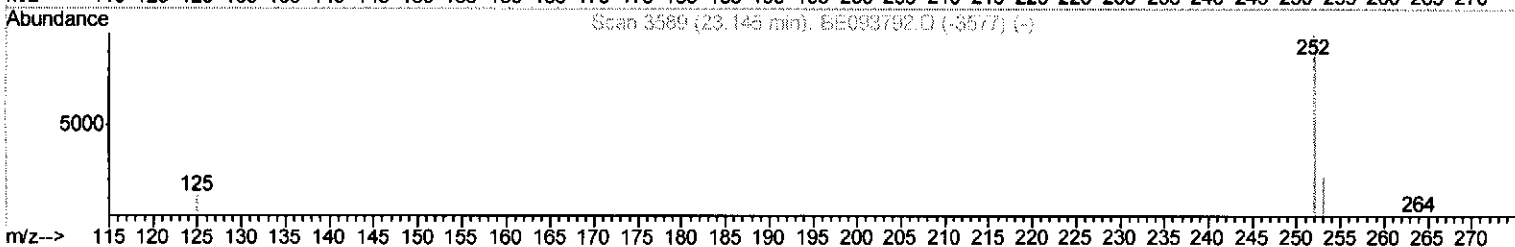
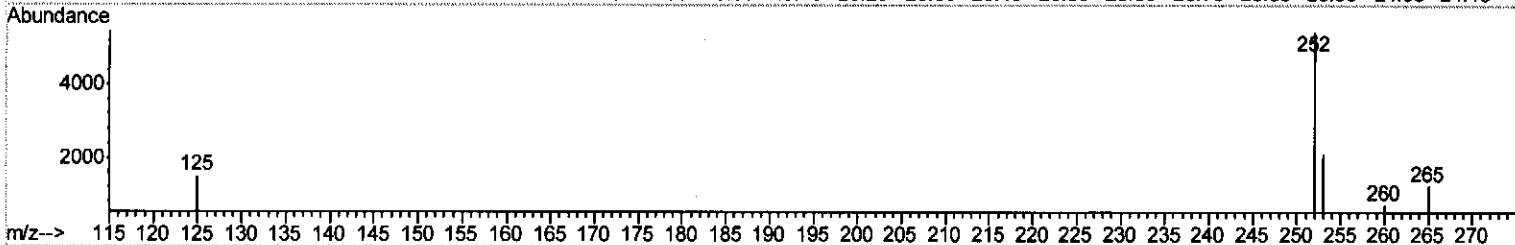
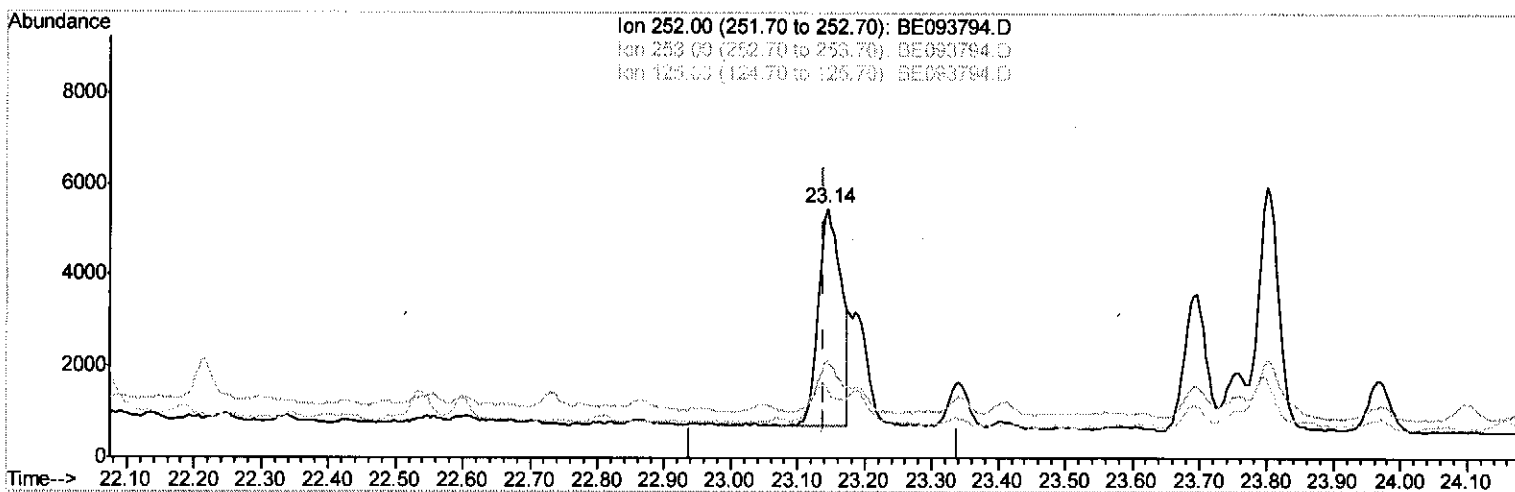
Data Path : Z:\HPCHEM1\BNA_E\Data\BE081417\
 Data File : BE093794.D
 Acq On : 14 Aug 2017 19:27
 Operator : SJ/JU
 Sample : I4557-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AC5

Manual Integrations
 APPROVED

Sohil
 8/15/2017 6:43:29 PM

Quant Time: Aug 15 10:50:20 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 12 02:01:53 2017
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(21) Benzo(b)fluoranthene

23.145min (+0.005) 0.23ng/ul

response 11119

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	38.86
125.00	17.50	27.38
0.00	0.00	0.00

Quantitation Report (Qedit)

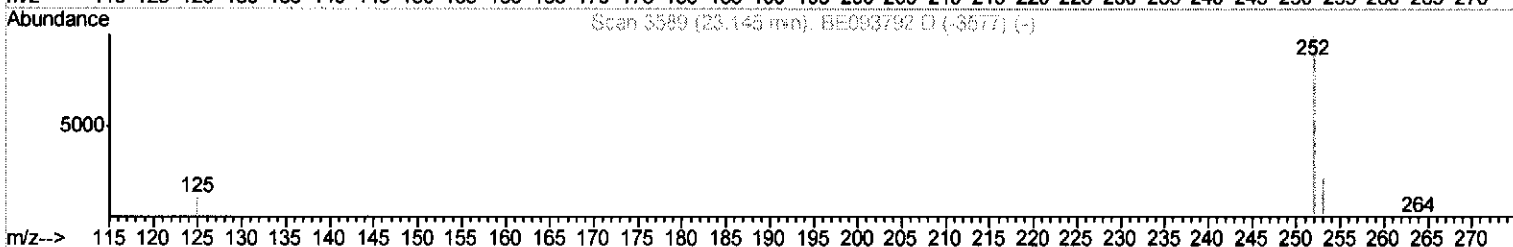
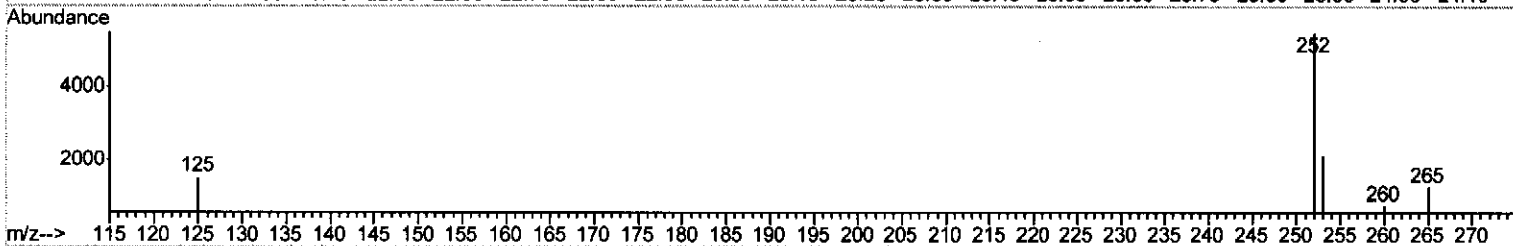
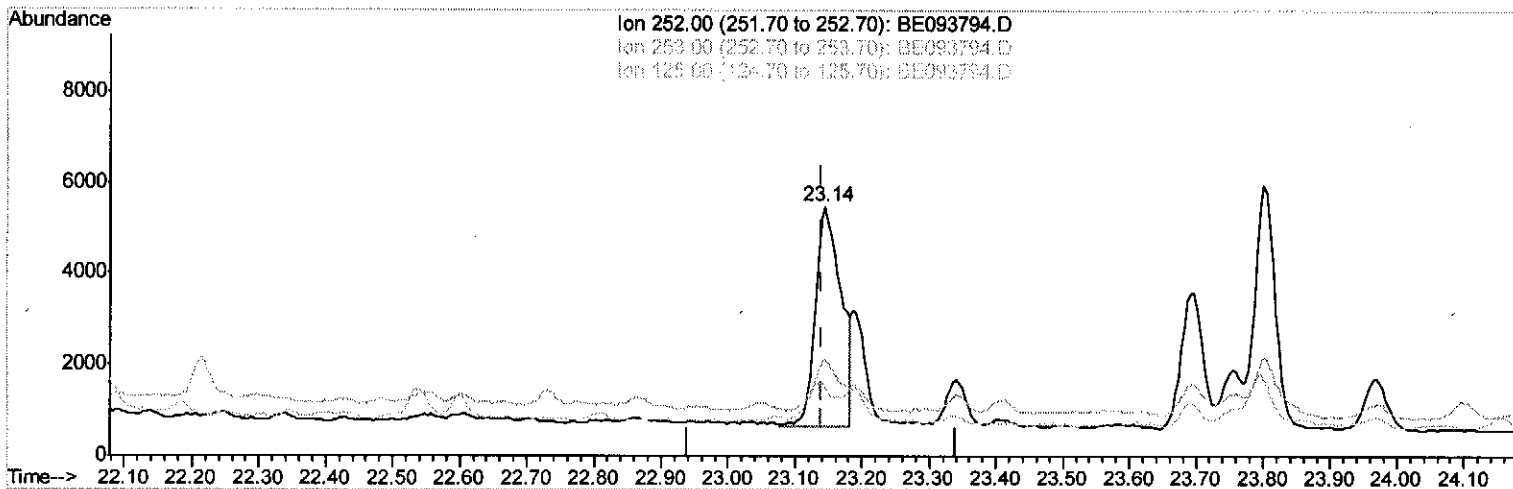
Data Path : Z:\HPCHEM1\BNA_E\Data\BE081417\
 Data File : BE093794.D
 Acq On : 14 Aug 2017 19:27
 Operator : SJ/JU
 Sample : I4557-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AC5

Manual Integrations
 APPROVED

Sohil
 8/15/2017 6:43:29 PM

Quant Time: Aug 15 10:50:20 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 12 02:01:53 2017
 Response via : Initial Calibration



TIC: BE093794.D

(21) Benzo(b)fluoranthene

23.145min (+0.005) 0.27ng/ul m

response 12694

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	38.86
125.00	17.50	27.38
0.00	0.00	0.00

Quantitation Report (Qedit)

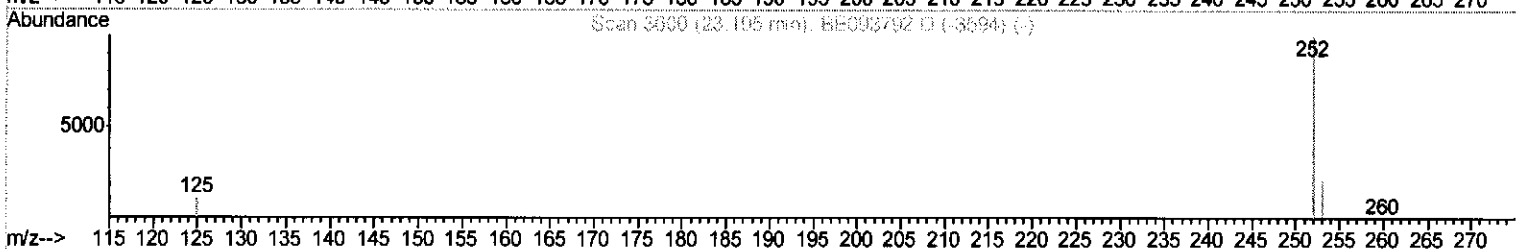
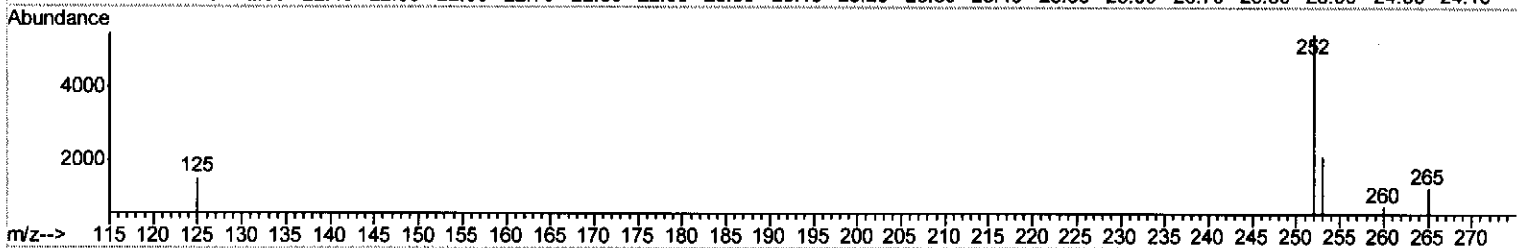
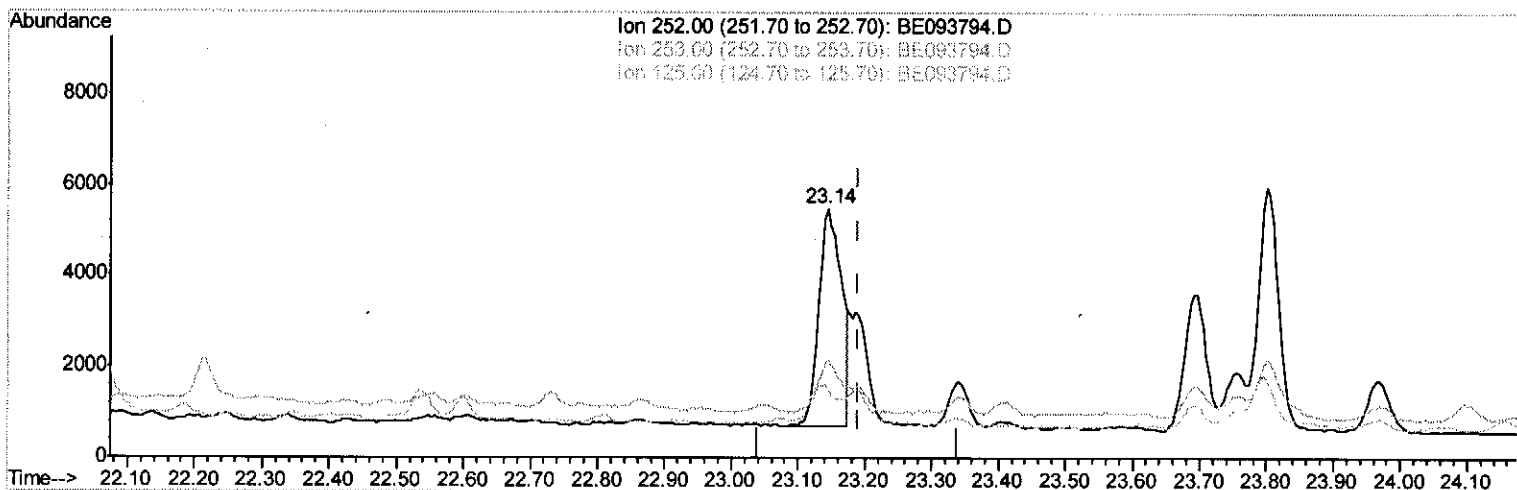
Data Path : Z:\HPCHEM1\BNA_E\Data\BE081417\
 Data File : BE093794.D
 Acq On : 14 Aug 2017 19:27
 Operator : SJ/JU
 Sample : I4557-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AC5

Manual Integrations
 APPROVED

Sohil
 8/15/2017 6:43:29 PM

Quant Time: Aug 15 10:50:20 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
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 Response via : Initial Calibration



TIC: BE093794.D

(22) Benzo(k)fluoranthene
 23.145min (-0.045) 0.24ng/ul
 response 11119

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	38.86#
125.00	17.10	27.38#
0.00	0.00	0.00

Quantitation Report (Qedit)

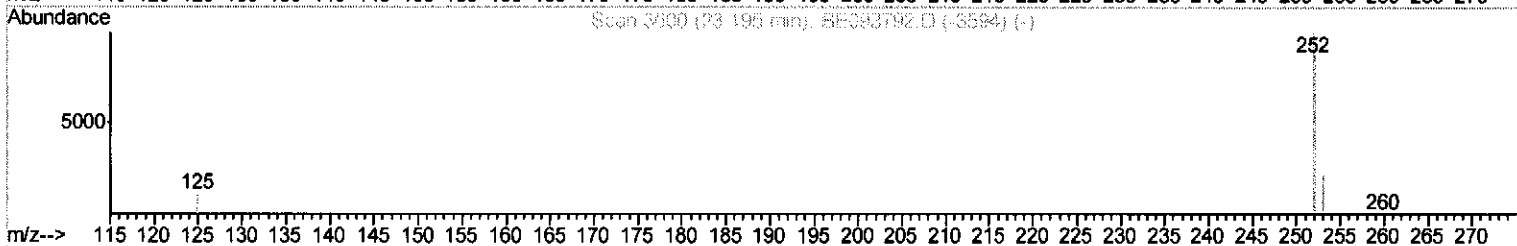
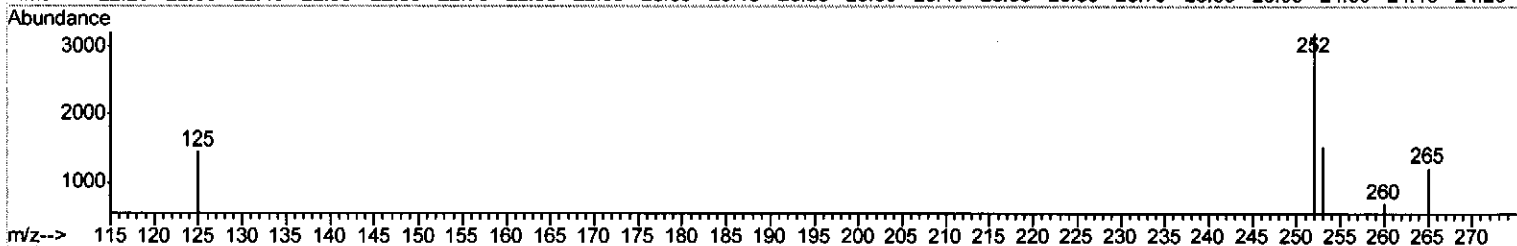
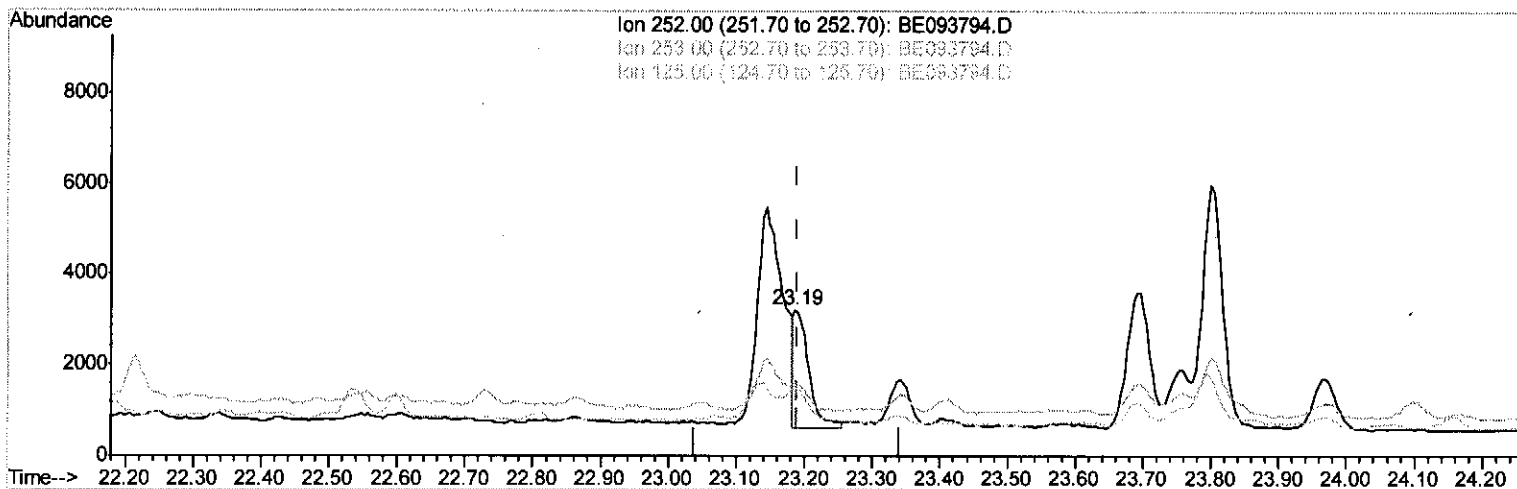
Data Path : Z:\HPCHEM1\BNA_E\Data\BE081417\
 Data File : BE093794.D
 Acq On : 14 Aug 2017 19:27
 Operator : SJ/JU
 Sample : I4557-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AC5

Manual Integrations
 APPROVED

Sohil
 8/15/2017 6:43:29 PM

Quant Time: Aug 15 10:50:20 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration



TIC: BE093794.D

(22) Benzo(k)fluoranthene

23.186min (-0.004) 0.08ng/ul m

response 3920

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	47.95#
125.00	17.10	45.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

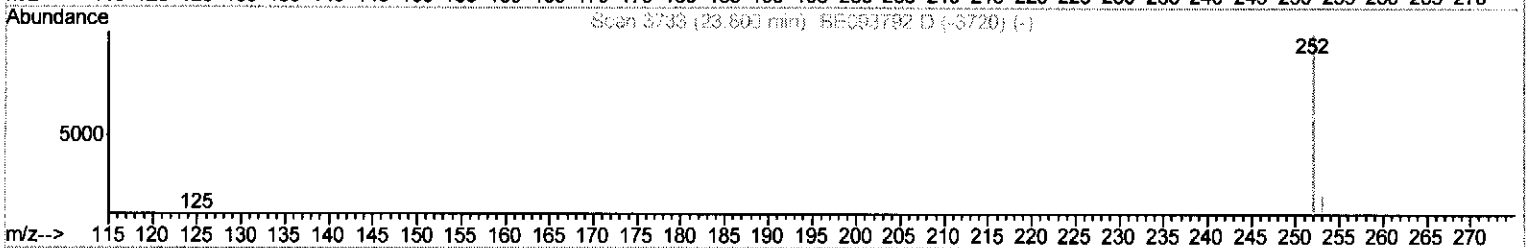
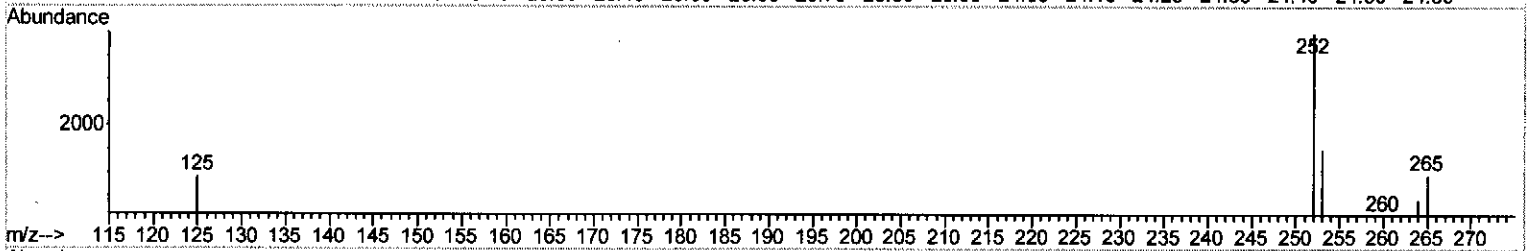
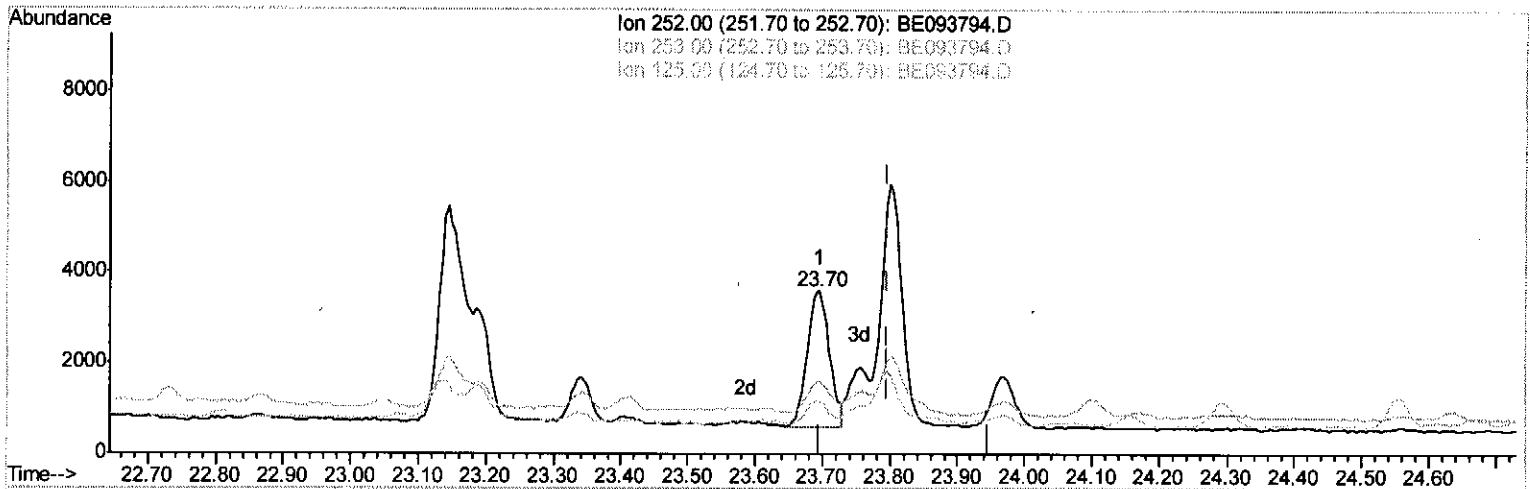
Data Path : Z:\HPCHEM1\BNA_E\Data\BE081417\
Data File : BE093794.D
Acq On : 14 Aug 2017 19:27
Operator : SJ/JU
Sample : I4557-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
C0AC5

Manual Integrations
APPROVED

Sohil
8/15/2017 6:43:29 PM

Quant Time: Aug 15 10:50:20 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
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Response via : Initial Calibration



TIC: BE093794.D

(23) Benzo(a)pyrene (C)

23.696min (-0.100) 0.15ng/ul

response 6818

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	44.71#
125.00	22.60	31.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

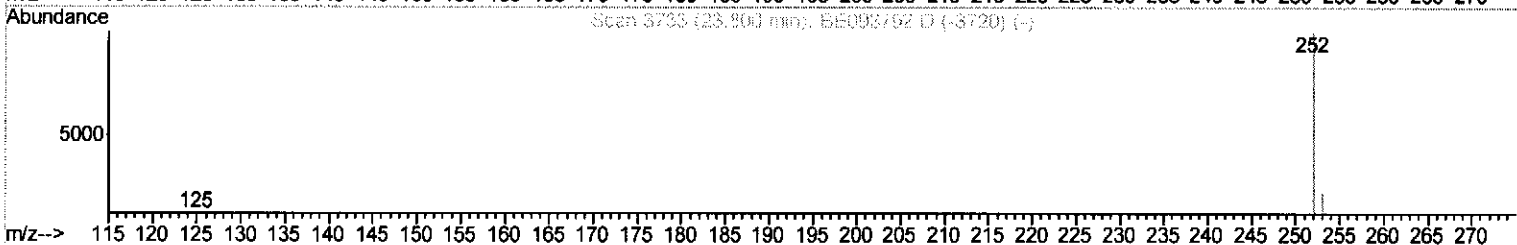
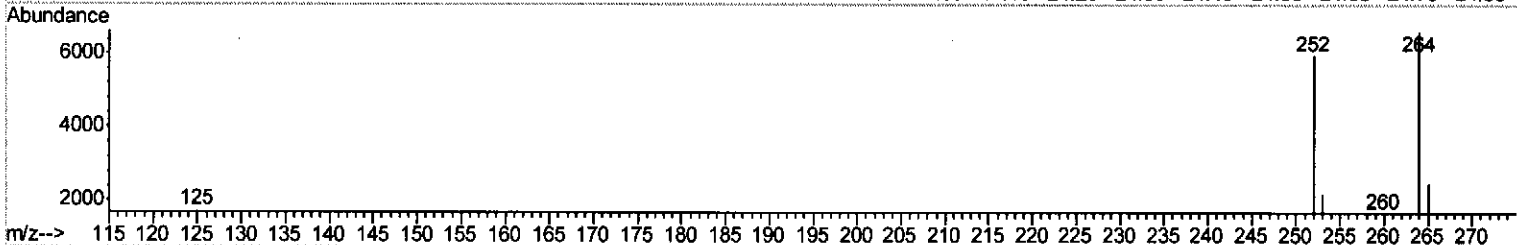
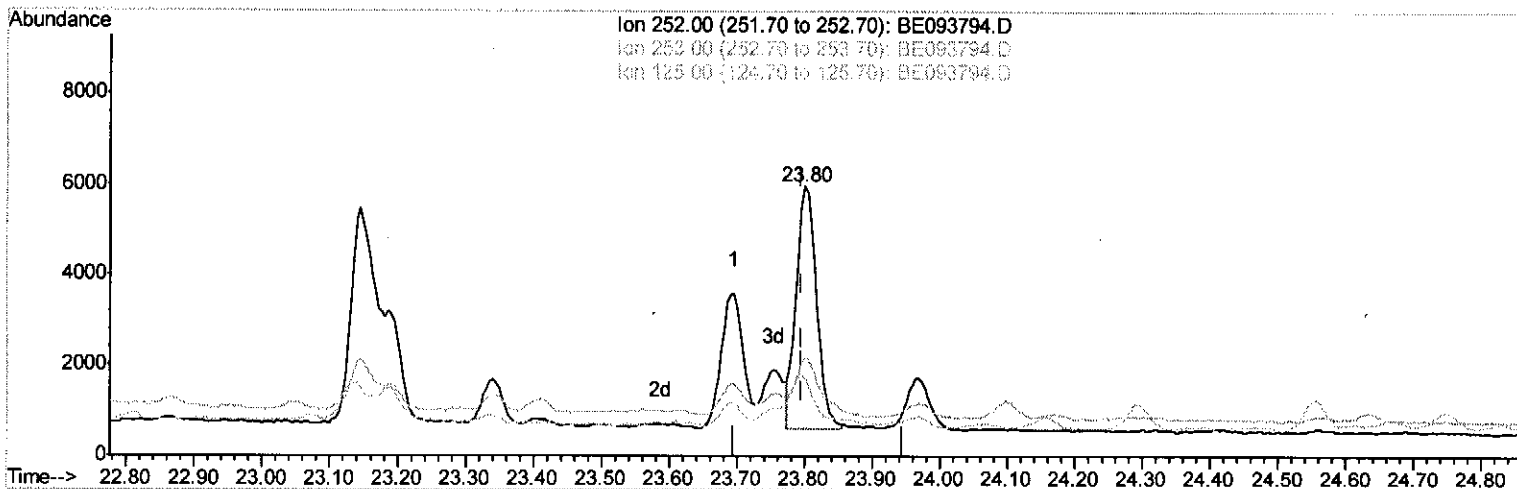
Data Path : Z:\HPCHEM1\BNA_E\Data\BE081417\
 Data File : BE093794.D
 Acq On : 14 Aug 2017 19:27
 Operator : SJ/JU
 Sample : I4557-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AC5

Manual Integrations
 APPROVED

Sohil
 8/15/2017 6:43:29 PM

Quant Time: Aug 15 10:50:20 2017
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 Response via : Initial Calibration



TIC: BE093794.D

(23) Benzo(a)pyrene (C)

23.800min (+0.005) 0.24ng/ul m

response 11012

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	36.29
125.00	22.60	28.61#
0.00	0.00	0.00

Quantitation Report (Qedit)

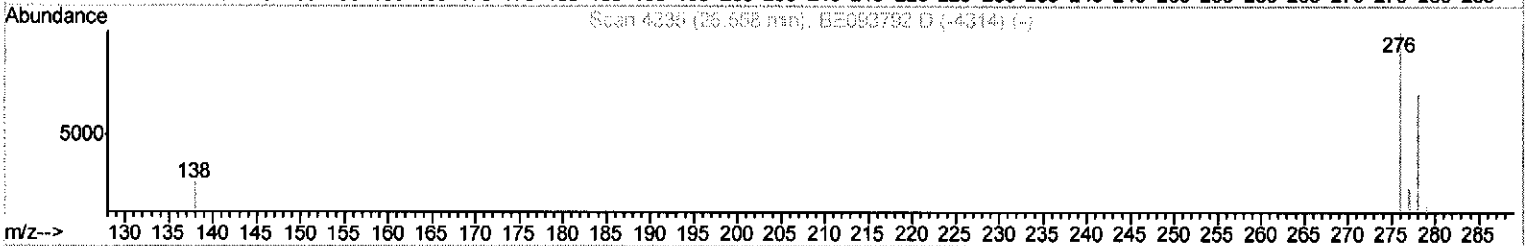
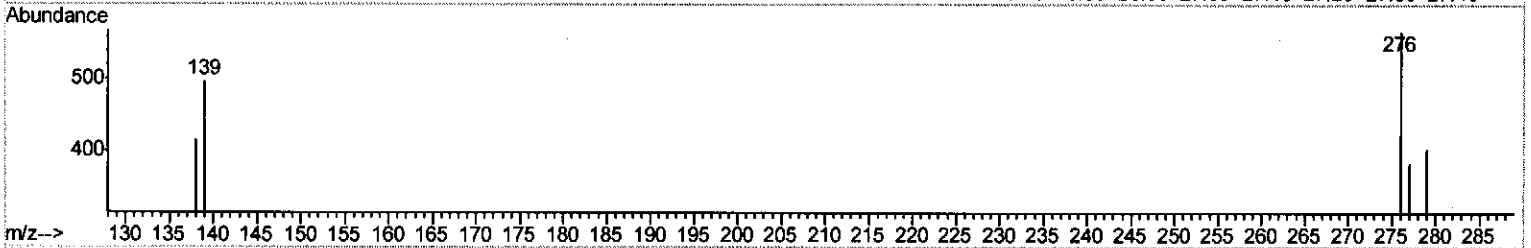
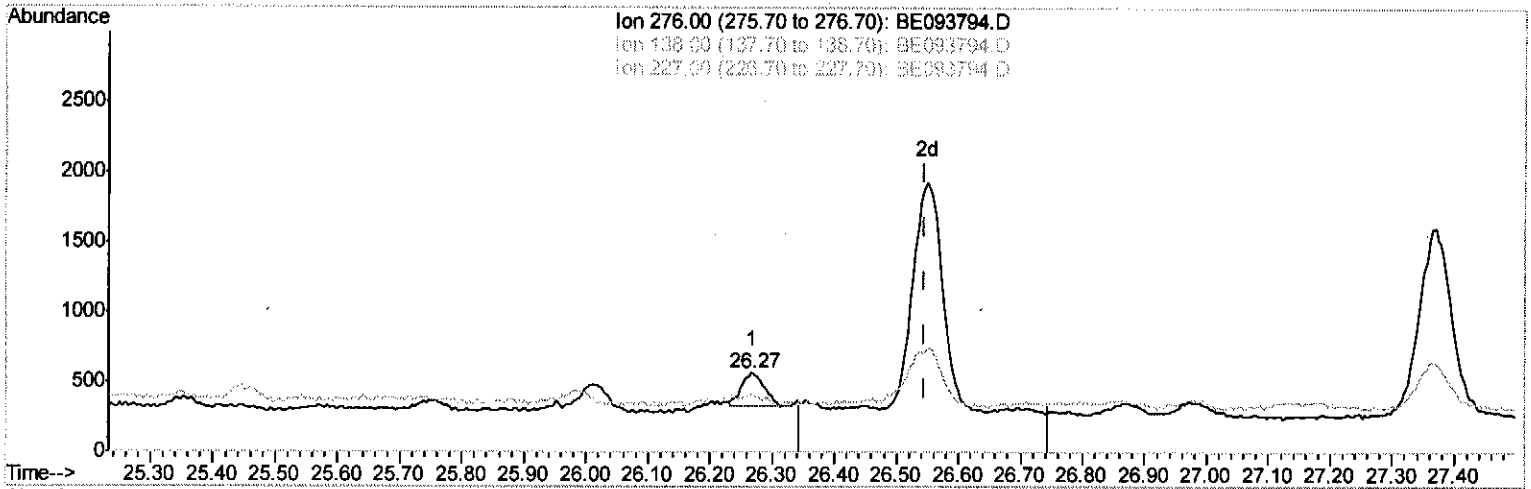
Data Path : Z:\HPCHEM1\BNA_E\Data\BE081417\
 Data File : BE093794.D
 Acq On : 14 Aug 2017 19:27
 Operator : SJ/JU
 Sample : I4557-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AC5

Manual Integrations
 APPROVED

Sohil
 8/15/2017 6:43:29 PM

Quant Time: Aug 15 10:50:20 2017
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TIC: BE093794.D

(24) Indeno(1,2,3-cd)pyrene

26.267min (-0.279) 0.01ng/ul

response 582

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	26.98#
227.00	10.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

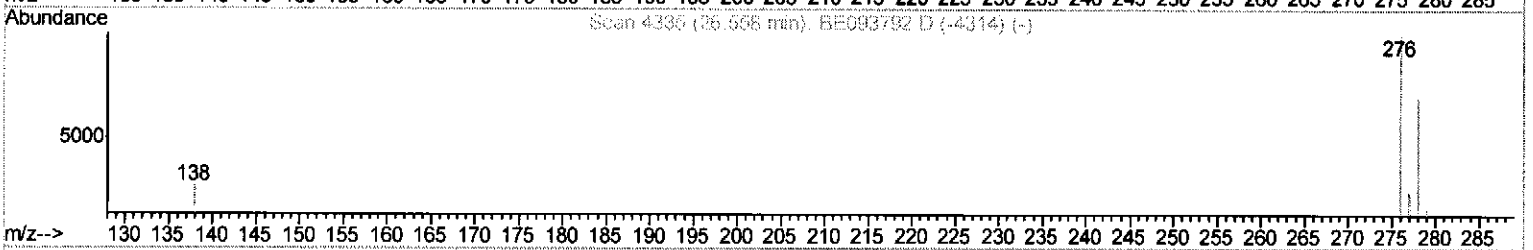
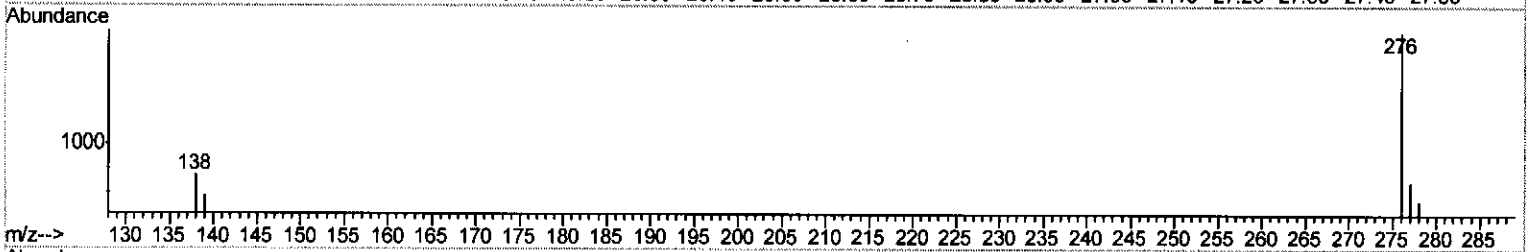
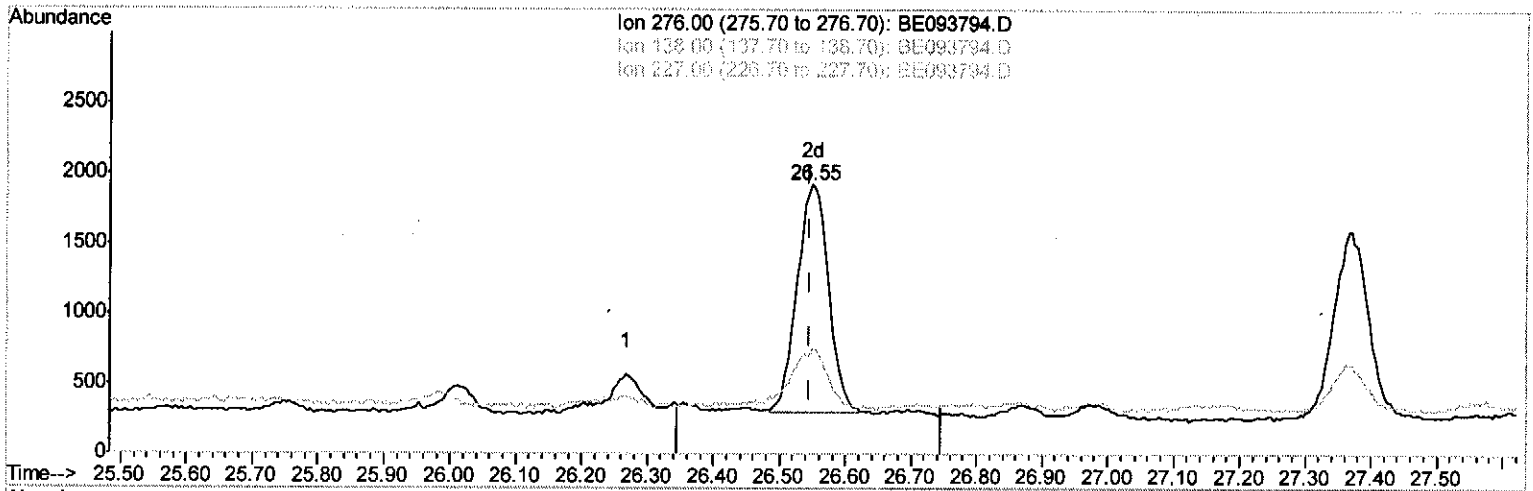
Data Path : Z:\HPCHEM1\BNA_E\Data\BE081417\
 Data File : BE093794.D
 Acq On : 14 Aug 2017 19:27
 Operator : SJ/JU
 Sample : I4557-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC5

Manual Integrations
 APPROVED

Sohil
 8/15/2017 6:43:29 PM

Quant Time: Aug 15 10:50:20 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
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 Response via : Initial Calibration



TIC: BE093794.D

(24) Indeno(1,2,3-cd)pyrene

26.550min (+0.004) 0.11ng/ul m

response 5398

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	2.91#
227.00	10.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

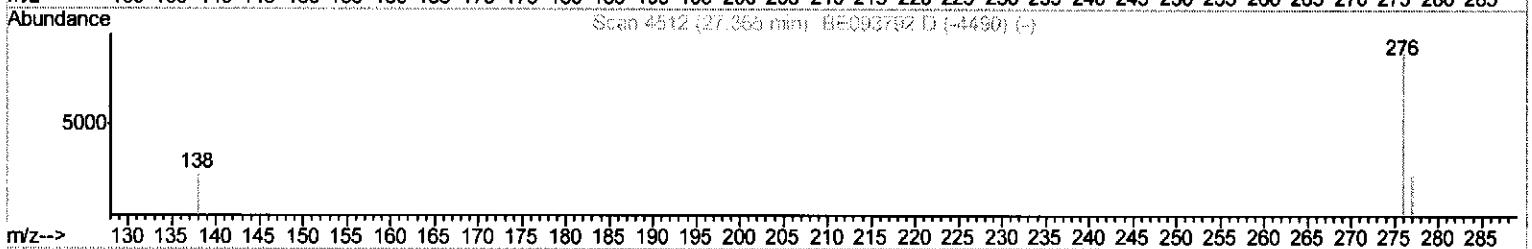
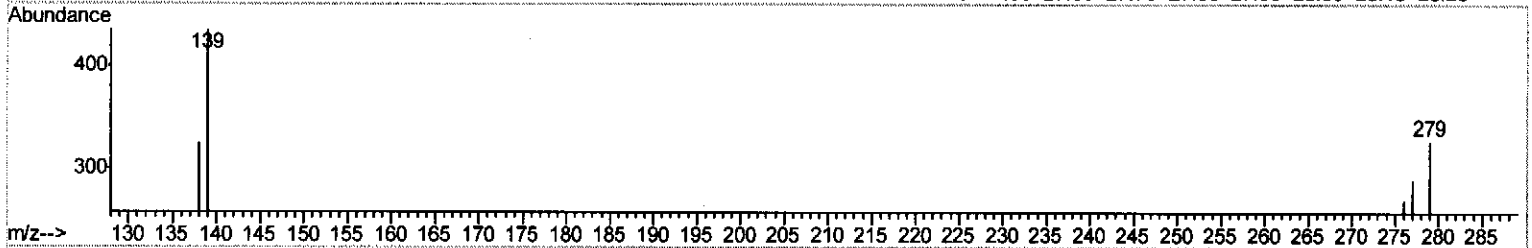
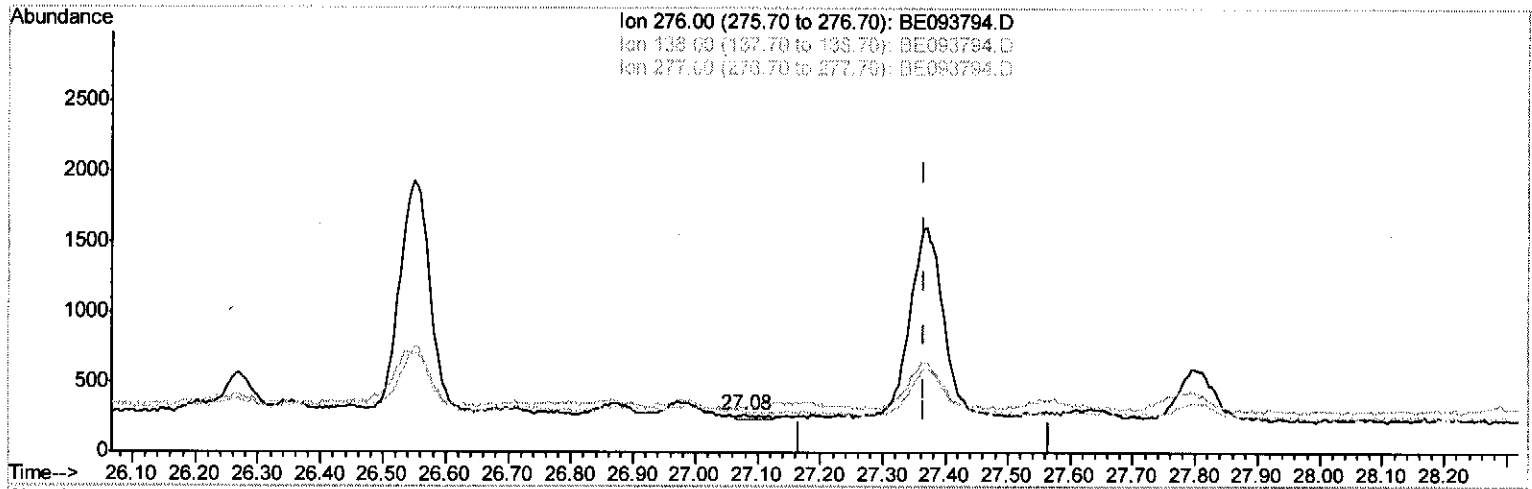
Data Path : Z:\HPCHEM1\BNA_E\Data\BE081417\
 Data File : BE093794.D
 Acq On : 14 Aug 2017 19:27
 Operator : SJ/JU
 Sample : I4557-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC5

Manual Integrations
 APPROVED

Sohil
 8/15/2017 6:43:29 PM

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TIC: BE093794.D

(26) Benzo(g,h,i)perylene
 27.078min (-0.288) 0.00ng/ul
 response 66

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	120.82#
277.00	25.60	107.43#
0.00	0.00	0.00

Quantitation Report (Qedit)

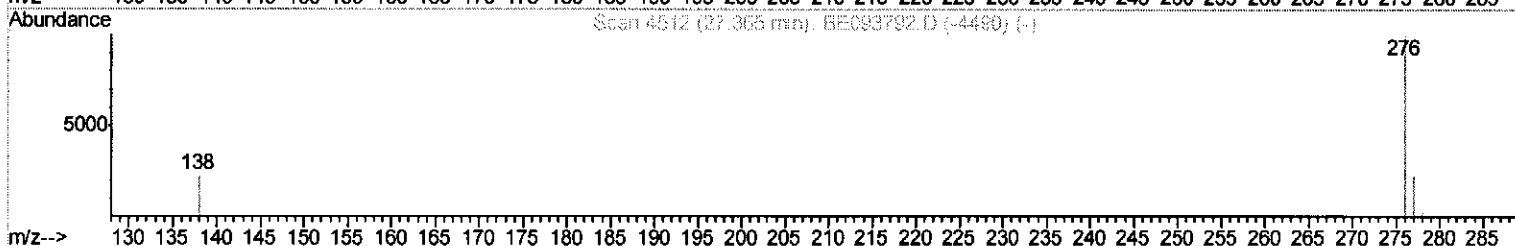
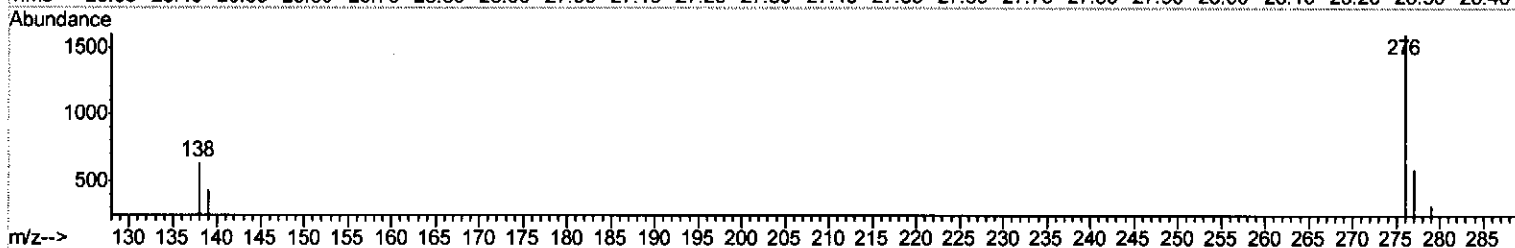
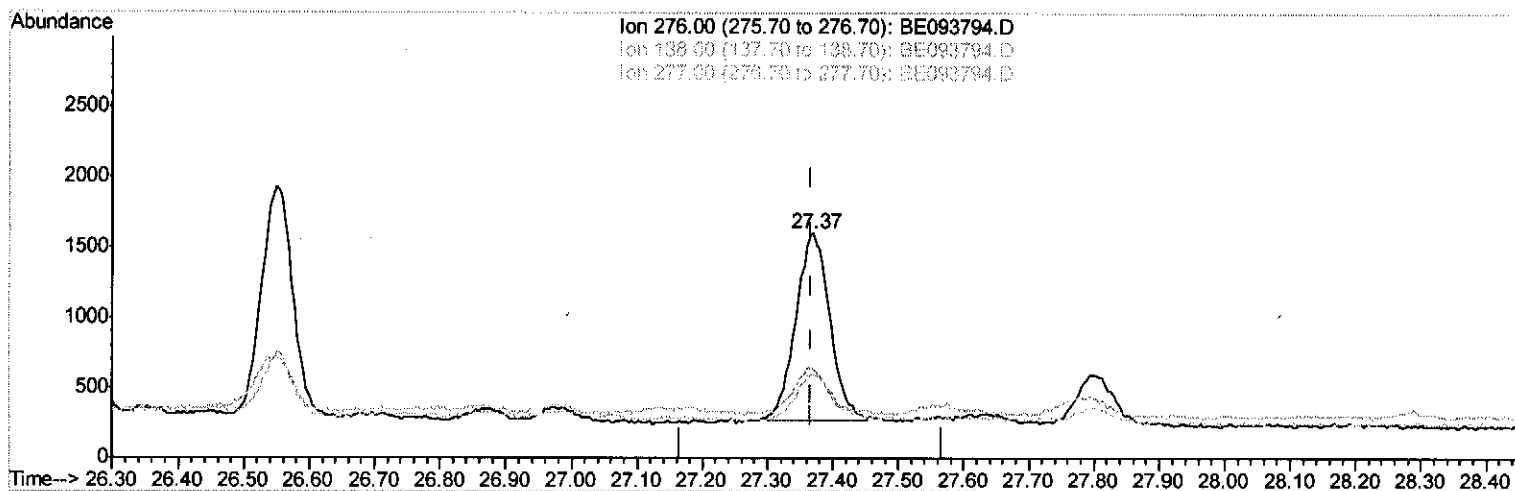
Data Path : Z:\HPCHEM1\BNA_E\Data\BE081417\
 Data File : BE093794.D
 Acq On : 14 Aug 2017 19:27
 Operator : SJ/JU
 Sample : I4557-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AC5

Manual Integrations
 APPROVED

Sohil
 8/15/2017 6:43:29 PM

Quant Time: Aug 15 10:50:20 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 12 02:01:53 2017
 Response via : Initial Calibration



TIC: BE093794.D

(26) Benzo(g,h,i)perylene

27.370min (+0.003) 0.11ng/ul m

response 4830

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	39.99#
277.00	25.60	37.06#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\BE081417\
 Data File : BE093794.D
 Acq On : 14 Aug 2017 19:27
 Operator : SJ/JU
 Sample : I4557-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AC5

Manual Integrations
 APPROVED

Sohil
 8/15/2017 6:43:29 PM

Quant Time: Aug 15 10:53:34 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 12 02:01:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2399	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	12423	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	8613	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	16536	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	17951	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	15436m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.29	152	5956	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	24550	0.47	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.75	128	25888	0.857	ng/ul#	93
5) 2-Methylnaphthalene	12.36	142	43191	1.959	ng/ul	99
7) Acenaphthylene	14.25	152	3021	0.084	ng/ul#	48
8) Acenaphthene	14.59	153	6562	0.232	ng/ul	94
9) Fluorene	15.57	166	33139	0.925	ng/ul	89
12) Phenanthrene	17.29	178	58284	1.294	ng/ul#	90
13) Anthracene	17.38	178	18532m	0.422	ng/ul	83
15) Fluoranthene	19.30	202	33444	0.594	ng/ul	83
17) Pyrene	19.66	202	45763	0.873	ng/ul#	85
18) Benzo(a)anthracene	21.39	228	15201	0.292	ng/ul#	74
19) Chrysene	21.45	228	14248	0.285	ng/ul#	73
21) Benzo(b)fluoranthene	23.14	252	12694m	0.266	ng/ul	73
22) Benzo(k)fluoranthene	23.19	252	3920m	0.083	ng/ul	73
23) Benzo(a)pyrene	23.80	252	11012m	0.242	ng/ul	73
24) Indeno(1,2,3-cd)pyrene	26.55	276	5398m	0.108	ng/ul	73
26) Benzo(g,h,i)perylene	27.37	276	4830m	0.114	ng/ul	73

(#) = qualifier out of range (m) = manual integration (+) = signals summed